STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- ~~153-20799~~ 167-23065

County Russell 9-15-11W

SW . SE . SE Sec. 9 Twp. 15S Rge. 11 X W

330' Feet from S/N (circle one) Line of Section

990' Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Rader Well # 1

Field Name Wildcat

Producing Formation

Elevation: Ground 1771 KB 1776

Total Depth 3330 PBTD

Amount of Surface Pipe Set and Cemented at 450 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan D&A JH 2-16-94
(Data must be collected from the Reserve Pit)

Chloride content 13,000 ppm Fluid volume 300 bbls

Dewatering method used Left to dry

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 6902

Name: Albert Borell

Address Box 158

City/State/Zip Wilson, KS 67490

Purchaser:

Operator Contact Person: Albert Borell

Phone (913) 658-2594

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: None KCC JH

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: Old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back PBTD
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj?) Docket No.

10/8/93 10/15/93
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Albert W. Borell

Title Owner Date Nov 8 1993

Subscribed and sworn to before me this 8th day of November, 19 93.

Notary Public Paula J. Gibson

Date Commission Expires November 10, 1996

PAULA J. GIBSON
State of Kansas
My Appt. Exp. 11-10-96

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received

Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

IS

RECEIVED
STATE CORPORATION COMMISSION
NOV 09 1993
CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-91)

Operator Name Albert Borell Lease Name Rader Well # 1

Sec. 9 Twp. 15s Rge. 11W ☐ East ☒ West County Russell

298115

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests givin interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra shee if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	☒ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☐ Yes	☒ No

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Anhydrite	626'	
Base Anhydrite	648'	
Heebner	2820'	
Iaton	2907'	
L.K.C.	2922	
Base K.C.	3194'	
Conglomerate	3223'	
Arbuckle	3265'	
R.T.D.	3330'	

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 ¼	8 5/8	20#	450'	60/40 Poz	225	2% gel 3%cc
NO PRODUCTION PIPE							

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Rec (Amount and Kind of Material Used)

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj. Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) _____

Production Inter

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas
Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 4577

Home Office P. O. Box 31 Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-8-93							6PM

Lease	Well No.	Location	County	State
Reeder	1		Russell	Kan

Contractor Vonfeldt
Type Job Surface
Hole Size 12¼ T.D. 455
Csg. 8 5/8 Depth 450
Tbg Size Depth
Drill Pipe Depth
Tool Depth
Cement Left in Csg. Shoe Joint
Press Max. Minimum
Meas Line Displace
Perf.

EQUIPMENT

	No.	
Pumptrk		Cementer
		Helper
Pumptrk	No.	Cementer
		Helper
		Driver
Bulktrk		
Bulktrk		Driver

DEPTH of Job

Reference:		
	Sub Total	
	Tax	
	Total	

Remarks:

Cement Did Cir.

Owner

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor in the work as listed.

Charge To Albert Boiell
Street
City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Charley Briggs

CEMENT

Amount Ordered 225 60/40 3

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total
Floating Equipment	

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS
Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS
Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0008133

Home Office P. O. Box 31 Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-15-93	9	15	11	2:00 AM	4:00 AM	4:30 AM	8:00 AM

Lease Raden Well No. #1 Location Dorrance 6S 1E 1S 3E 4N County Russell State Kansas

Contractor VonFeldt Drlg. Rig 1

Type Job plug

Hole Size 7 7/8" T.D. 3330'

Csg. 8 5/8" Depth 450'

Tbg. Size Depth

Drill Pipe Depth

Tool Depth

Cement Left in Csg. Shoe Joint

Press max. Minimum

Meas Line Displace

Perf.

Owner Same

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Albert Borell

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

x Darryl Kraus

EQUIPMENT

#177 No. Pumptrk	Cementer	M. Houdman
	Helper	Glenn G.
No. Pumptrk	Cementer	
	Helper	
#213 Bulktrk	Driver	Jason C.
Bulktrk	Driver	

CEMENT

Amount Ordered 185 SKS 60/40 Poz 4% Gel

Consisting of

Common		
Poz. Mix		
Gel.		
Chloride		
Quickset		
	Sales Tax	
Handling		
Mileage		
	Sub Total	
	Total	

Floating Equipment

DEPTH of Job

Reference: # PUMP TRK 1-8 5/8" plug

Sub Total
Tax
Total

Remarks:
25 SKS @ 3220
25 SKS @ 635'
100 SKS @ 500'
10 SKS @ 40'
15 SKS IN Rat Hole
10 SKS IN Mouse Hole

Thanks

RECEIVED
STATE CORPORATION COMMISSION

NOV 09 1993

CONSERVATION DIVISION
Wichita, Kansas

SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793-5177

GREAT BEND, KANSAS 67530

DATE OCT 11 1993

API# 15-167-23065

COMPANY ALBERT BORELL

ADDRESS BOX 158

LEASE KADER WELL NO. 1 COUNTY RUSSELL

DEPTH 2970 TESTED FROM 2937 TO 2970 TEST NO. 1

TOOL T. 4 1/2 XH SIZE HOLE 7 7/8 SIZE PACKER 6 3/4 MIS-RUN NO.

INITIAL HYD. 1457* FINAL HYD. 1451* SUCCESSFUL NO.

INITIAL SHUT-IN HR. 30 MIN.: TOOL OPEN HR. 30 MIN.: FINAL SHUT-IN HR. 30 MIN.

INVOICES SENT TO: WILSON KS 67490

INITIAL FLOW PERIOD 60 MINUTES

BLOW: WEAK STEADY 1ST ; WEAK DECREASING 2ND - FLUSH

REMARKS: TOOL - WEAK BLOW

SCID TOOL. APPROX 20' TO BOTTOM OF HOLE

RECOVERY: 65' DRLG MUD W/FEW SPECKS OF OIL

INITIAL SHUT-IN PRESSURE 883* INITIAL FLOW PRESSURE 58-66* FINAL FLOW PRESSURE 75-83*

FINAL SHUT-IN PRESSURE 875* FIELD ORDER NO. PRICE OF JOB

EXTRA EQUIPMENT OPERATOR TIME

SWIFT FORMATION TESTERS

Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY:

OUR REPRESENTATIVE

TICKET No. 5818

RECEIVED
STATE CORPORATION COMMISSION
NOV 09 1993
CONSERVATION DIVISION
Wichita, Kansas

SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793-5177

GREAT BEND, KANSAS 67530

DATE Oct 12, 1993

API#15-167-23065

COMPANY Albert Borell

ADDRESS P.O. Box 158

LEASE Power WELL NO. 1 COUNTY Russell

DEPTH 3020 TESTED FROM 2993 TO 3020 TEST NO. 2

TOOL JT. 4½ XH SIZE HOLE 7⅞ SIZE PACKER 6¾ MIS-RUN NO.

INITIAL HYD. 1615* FINAL HYD. 1607* SUCCESSFUL NO.

INITIAL SHUT-IN HR. 30 MIN.: TOOL OPEN HR. 30 MIN.: FINAL SHUT-IN HR. 30 MIN.

INVOICES SENT TO: Wilson Ks. 67490

INITIAL FLOW PERIOD 30 MINUTES

BLOW: Weak To Good 1st — Strong Blow 2nd

REMARKS: Gas To Surface During 2nd Open

Sclo Tool Approx 5' To Bottom

RECOVERY: 200' Muddy Water W/Few Specks Of Oil

Thru-Out

INITIAL SHUT-IN PRESSURE 875* INITIAL FLOW PRESSURE 83-108* FINAL FLOW PRESSURE 125-150*

FINAL SHUT-IN PRESSURE 858* FIELD ORDER NO. PRICE OF JOB

EX. EQUIPMENT OPERATOR TIME

SWIFT FORMATION TESTERS

Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY: Albert W. Borell

OUR REPRESENTATIVE Tony Lau

TICKET No. 5819

SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793-5177

GREAT BEND, KANSAS 67530

DATE Oct 14, 1993

API#15-167-23065

COMPANY Albert Borell

ADDRESS P.O. Box 158

LEASE Rader WELL NO. 1 COUNTY Russell

DEPTH 3277 TESTED FROM 3266 TO 3277 TEST NO. 3

TOOL JT. 4½XH SIZE HOLE 7⅞ SIZE PACKER 6¾ MIS-RUN NO.

INITIAL HYD. 1793# FINAL HYD. 1777# SUCCESSFUL NO.

INITIAL SHUT-IN HR. MIN.: TOOL OPEN HR. 5 MIN.: FINAL SHUT-IN HR. 30 MIN.

INVOICES SENT TO: Wilson Ks. 67490

INITIAL FLOW PERIOD 30 MINUTES

W: Weak To Dead After 15 min 1st; No Blow 2nd

REMARKS: Flush Tool — Out of Hole

RECOVERY: 15' Oil Cut Mud

INITIAL SHUT-IN PRESSURE — INITIAL FLOW PRESSURE 16# FINAL FLOW PRESSURE 24#

L SHUT-IN PRESSURE 1102 FIELD ORDER NO. PRICE OF JOB

EXTRA EQUIPMENT OPERATOR TIME

SWIFT FORMATION TESTERS

Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY: Albert H. Borell

OUR REPRESENTATIVE

TICKET No. 5820